Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE are required to respond to a collection of information unless it displays a valid OMB control number. RADEMARY Application Number 10/646,994 **TRANSMITTAL** Filing Date August 21, 2003 First Named Inventor **FORM** Heinz Willebrand et al. Art Unit 2633 **Examiner Name** Phan, Hanh (to be used for all correspondence after initial filing) Attorney Docket Number

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	ENCLOSURES (Check all that apply)								
	Fee Trans	smittal Fo	orm		Drawing(s)			After A	Allowance Communication to TC
	☐ Fe	ee Attach	ed		Licensing-related Paper	s			I Communication to Board eals and Interferences
	Amendment/Reply After Final Affidavits/declaration(s) Extension of Time Request Express Abandonment Request Information Disclosure Statement Certified Copy of Priority Document(s) Reply to Missing Parts/ Incomplete Application Reply to Missing Parts under 37 CFR 1.52 or 1.53		Request for Refund		Cited F	Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) Proprietary Information Status Letter Other Enclosure(s) (please Identify below): PTO/SB/08A and PTO/SB/08B in duplicate, 2 Cited References, Copy of European Search Report, and Return Receipt Postcard.			
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Printed	l name	Richard	E. Wawrzyniak, E	sq.	,				
Date		Decemb	per 13, 2004			Reg. No.	36,048	B	·
I hereb	CERTIFICATE OF TRANSMISSION/MAILING I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with								
the dat	sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on he date shown below: Signature								
Typed	or printed r	name	Sara R. Hart					Date	December 13, 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Attorney Docket No. 81598

N THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s):	Heinz Willebrand et al.	CERTIFICATE OF MAILING
Application No.:	10/646,994	I hereby certify that this paper is being deposited with the United States Postal Service with sufficient postage as first class
Filed:	August 21, 2003	mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O.
	RELESS OPTICAL FREQUENCY ATION LINK	Box 1450, Alexandria, VA 22313-1450, on this date. December 13, 2004 Alexandria, VA 22313-1450, on this date.
Group Art Unit:	2633	
Examiner:	Phan, Hanh	

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

This In	nformation Disclosure Statement is submitted:
	Under 37 CFR §1.97(b) before the mailing date of a first Office Action on the merits.
<u>X</u>	Under 37 CFR §1.97(c) together with either: X a statement under 37 CFR §1.97(e), or a fee under 37 CFR §1.17(p) (after the 37 CFR §1.97(b) time period, but before the mailing date of a final Action, a Notice of Allowance, or an action that otherwise closes prosecution).
X inform	Statement under 37 C.F.R. § 1.97(e)(1): The undersigned states that each item of nation contained in the information disclosure statement was first cited in a

than three months prior to the filing of this information disclosure statement.

communication from a foreign patent office in a counterpart foreign application not more

Supplemental Information Disclosure Statement U.S. App. No. 10/646,994

In accordance with the duty of disclosure imposed by 37 CFR § 1.56 to inform the Patent Office of all patents, publications, applications and other information known by Applicants or Applicants' representative that may be material to the examination of the subject application, Applicants' representative hereby provides this Information Disclosure Statement that is prepared in accordance with 37 CFR §§ 1.97-1.98 and includes Form PTO/SB/08A and PTO/SB/08B with two (2) references listed as items AA and AB.

Copies of the items listed on the attached Form PTO/SB/08A and PTO/SB/08B are enclosed.

Concise Explanation of Relevance

A concise explanation of the relevance of item AA is in the form of a copy of a "European Search Report" mailed November 4, 2004, issued in a divisional European patent application corresponding to U.S. App. No. 09/482,782, now U.S. Patent No. 6,763,195, which is the parent application hereto. The "European Search Report" mailed November 4, 2004, which is in the English language, is listed as item AB and a copy is included herewith.

It is requested that the information provided herein be made of record in this application.

Respectfully submitted,

Dated: 12/15/01

Richard E. Wawrzyniak Attorney for Applicant(s)

Reg. No. 36,048

Address all Correspondence to:

FITCH, EVEN, TABIN & FLANNERY 120 So. LaSalle Street Suite 1600 Chicago, IL 60603

Telephone: (858) 552-1311 Facsimile: (858) 552-0095

PTO/SB/08A (08-03)

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Substitute for form 1449/F

Sheet

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known					
Application Number	10/646,994				
Filing Date	August 21, 2003				
First Named Inventor	Heinz Willebrand et al.				
Art Unit	2633				
Examiner Name	Phan, Hanh				
Attorney Docket Number	91509				

	U. S. PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2 (f known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear			
	AA	^{US-} 4,904,993	02-27-1990	Kazuo Sato				
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	FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages			
		Country Code ^{3 -} Number ^{4 -} Kind Code ⁵ (# known)	MM-DD-YYYY		Or Relevant Figures Appear	T ⁶		
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Examiner	Date	
Signature	Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Senter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Complete if Known Substitute for form 1449/PTO **Application Number** 10/646,994 **Filing Date** INFORMATION DISCLOSURE August 21, 2003 STATEMENT BY APPLICANT **First Named Inventor** Heinz Willebrand et al. Art Unit 2633 (Use as many sheets as necessary) **Examiner Name** Phan, Hanh Attorney Docket Number Sheet 2 2 81598

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		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	АВ	EUROPEAN PATENT OFFICE, "European Search Report", dated November 4, 2004, for EP Application No. 03013313.6-2415, 3 pages.	
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Examiner		Date	
Signature		Considered	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

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